| UTILITY                   |  |  |  |  |
|---------------------------|--|--|--|--|
| <b>PATENT APPLICATION</b> |  |  |  |  |
| TRANSMITTAL               |  |  |  |  |

(Only for new nonprovisional applications under 37 CFR 1.53(b))

| _ |                        | ш.  | -                  |  |
|---|------------------------|---|--------------------|--|
|   | Attorney Docket No.    | 10111932 တ                                  | ر<br>ح             |  |
|   | First Inventor         | Tie Jiang WU ⊃S                             | 7                  |  |
|   | Title                  | METHOD AND DEVICE FOR DETECTING WHETHER THE | $\bar{\mathbb{Q}}$ |  |
|   |                        | DETECTING WHETHER THE                       | 2                  |  |
|   |                        | ALIGNMENT OF BIT LINE $8$                   |                    |  |
| 1 |                        | <b>CONTACTS AND ACTIVE AREAS</b>            |                    |  |
|   |                        | IN DRAM DEVICES IS NORMAL                   |                    |  |
|   | Express Mail Label No. | EV 382 673 891 US                           | _                  |  |

ADDRESS TO: Mail Stop Patent Application **Commissioner for Patents** P.O. Box 1450 Alexandria VA 22313-1450

## **APPLICATION ELEMENTS**

| 1. X         | Fee Transmittal Form  |       |
|--------------|---|-------|
|              | (Submit an original and a duplicate for fee processing)                 |       |
| 2.           | Applicant claims small entity status.                                   |       |
|              | See 37 CFR 1.27.  |       |
| 3. X         | Specification [Total Pages: 15 ]  |       |
|              | Drawing(s) (35 U.S.C. 113) [Total Sheets: 2 ]                           |       |
| 5. X         | Oath or Declaration [Total Pages: 5]                                    |       |
| -· <u>-·</u> | a Newly executed (original or copy)                                     |       |
|              | b. X Copy from a prior application (37 CFR 1.63(d))                     |       |
|              | (for continuation/divisional with Box 18 completed)                     |       |
|              | i DELETION OF INVENTOR(S)   |       |
|              | Signed statement attached deleting inventor(s) name in the              | nrior |
|              | application, see 37 CFR 1.63(d)(2) and 1.33(b).                         | prioi |
|              | c. X Combined with Power of Attorney                                    |       |
| 6            | Application Data Sheet.   |       |
| · —          | See 37 CFR 1.76   |       |
| 7            |   |       |
| ά· —         | CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) |       |
| 0            | Nucleotide and/or Amino Acid Sequence Submission                        |       |
|              | (if applicable, all necessary)  |       |
|              | a Computer Readable Form (CRF)  |       |
|              | b Specification Sequence Listing on:                                    |       |
|              | i CD-ROM or CD-R (2 copies); or   |       |
|              | ii Paper  |       |
|              | c Statements verifying identity of above copies                         |       |
| A C C O N    | IDANVING ARRI ICATION RARTO   |       |
| ACCON        | IPANYING APPLICATION PARTS  |       |
| 0 Y          | This application is assigned to: Nanya Technology Corporation           |       |
| 3. <u>A</u>  |   |       |
| 10           | a Assignment Papers Enclosed (cover sheet & document(s))                |       |
| 10           | 37 CFR 3.73(b) Statement (when there is an assignee)                    |       |
| 4.4          | a Power of Attorney   |       |
| 11           | English Translation Document (if applicable)                            |       |
| 12           | Information Disclosure Statement (IDS)/PTO-1449                         |       |
| 40 14        | a Copies of IDS Citations   |       |
| 13. <u>X</u> | Preliminary Amendment   |       |
| QUINTER      | O LAW OFFICE  | Page  |

Modified Form PTO/SB/05 (08-03) Rev 03 P104533NAQ

| UTILITY PATENT APPLICATION TRANSMITTAL  | Attorney Docket No.   10111932  |  |  |  |  |  |  |  |  |
|---|---|--|--|--|--|--|--|--|--|
|   |   |  |  |  |  |  |  |  |  |
| 14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  |   |  |  |  |  |  |  |  |  |
| 15 Certified Copy of Priority Document(s)  (if foreign priority is claimed)   |   |  |  |  |  |  |  |  |  |
| 16 Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i).  Applicant must attach form PTO/SB/35 or its equivalent.  |   |  |  |  |  |  |  |  |  |
| 17 Other:   |   |  |  |  |  |  |  |  |  |
| 18. If a CONTINUING APPLICATION, check app information below and in the first sentence of the Application Data Sheet under 37 CFR 1.76:   | ropriate box, and supply the requisite specification following the title, or in an    |  |  |  |  |  |  |  |  |
| This application is a   | Prior application information   |  |  |  |  |  |  |  |  |
| Continuation X Divisional   | Examiner: Phuc T. Dang  |  |  |  |  |  |  |  |  |
| Continuation-in-part (CIP)  | Art Unit: 2812  |  |  |  |  |  |  |  |  |
| of prior application No.: 10/452,179  |   |  |  |  |  |  |  |  |  |
| For CONTINUATION AND DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. |   |  |  |  |  |  |  |  |  |
| 19. CORRESPONDENCE ADDRESS  |   |  |  |  |  |  |  |  |  |
| Customer Number: 34,283   |   |  |  |  |  |  |  |  |  |
| Dated: March 26, 2004   | Nelson A. Quintero  |  |  |  |  |  |  |  |  |
|   | Registration No. 52,143<br>Customer No. 34,283  |  |  |  |  |  |  |  |  |
|   | Quintero Law Office<br>1617 Broadway, 3 <sup>rd</sup> Floor<br>Santa Monica, CA 90404 |  |  |  |  |  |  |  |  |

Telephone: 310-401-6180

|                                    | Attorney Docket No.    | 10111932                  |
|------------------------------------|------------------------|---------------------------|
|                                    | First Inventor         | Tie Jiang WU              |
| PATENT APPLICATION FEE TRANSMITTAL | Title                  | METHOD AND DEVICE FOR     |
|                                    |                        | DETECTING WHETHER THE     |
|                                    |                        | ALIGNMENT OF BIT LINE     |
|                                    |                        | CONTACTS AND ACTIVE AREAS |
|                                    |                        | IN DRAM DEVICES IS NORMAL |
|                                    | Express Mail Label No. | EV 382 673 891 US         |

| 1. A | Sertion | of | Small | <b>Entity</b> | Status |
|------|---------|----|-------|---------------|--------|
|------|---------|----|-------|---------------|--------|

\_\_\_ Applicant claims small entity status. 37 C.F.R. § 1.27.

## 2. Filing Fee Calculation

A. X Utility filing fee

| A. X Utility filing fee                             |             |           |              |         |            |                |     |
|---|-------------|-----------|--------------|---------|------------|----------------|-----|
|   | BASI        | C FEE AND | EXTRA CLA    | IMS FEE | S          |                |     |
|   | Number      | 1         | Number Extra | 1       | Rate       | Basic Fee 37   |     |
|   | filed       |           |              |         | (SE/LE)    | § 1.16(        | •   |
|   |             |           |              |         |            | \$             | 770 |
| Total Claims  | 7           | -20 =     | 0            | X       | 9/18       | \$             | 0   |
| (37 C.F.R. 1.16(c))<br>Independent Claims (37       | 2           | -3 =      | 0            |         | 42/06      | œ.             | •   |
| C.F.R. 1.16(b))                                     | 2           | -3 =      | U            | X       | 43/86      | \$             | 0   |
| Multiple Dependent                                  |             |           |              | +       | 145/290    | \$             |     |
| Claim(s) (37 C.F.R. 1.16(d))                        |             |           |              |         |            |                |     |
|   |             |           |              |         | Filing Fee | Calculation \$ | 770 |
|   |             |           |              |         |            |                |     |
| B Design filing fee Filing Fee Calculation \$       |             |           |              |         |            |                |     |
| C. Provisional filing fee Filing Fee Calculation \$ |             |           |              |         |            |                |     |
| 3. Fee Payment Being N                              | lade at Th  | ie Tima   |              |         |            |                |     |
| ,, <u>.</u>   | iaac at iii | is time   |              |         | œ.         |                | 770 |
| X Filing Fee  |             |           |              |         | \$         |                | 770 |
| Recording assignment (37 C.F.R. 1.21(h))            |             |           |              |         | \$         |                |     |
| Other fee:  |             |           |              |         | \$         |                |     |
| TOTAL AMOUNT OF PAYMENT                             |             |           |              |         | \$         |                | 770 |

## 4. Method of Payment of Fees

Check

X Deposit Account No. 502447 (Name: Nelson A. Quintero). The director is authorized to:

X Charge the fee(s) indicated above.

X Charge any additional fee(s) or underpayment of fee(s) or credit any

overpayments(s).

Dated: March 26, 2004

Nelson A. Quintero Registration No. 52,143 Customer No. 34,283 Telephone: 310-401-6180